

# Planning Our Investigation

## Step 1: Observing & Questioning

Place sticky notes of the same colour in the space below.

Place sticky notes of a new colour in the space below.

### OBSERVE

See



Smell



Hear



Touch



Taste



### WONDER



Level: 1

# Planning Our Experiment

**Step 2(a):** What could we measure or observe about the object, or event?

Brainstorm (Place sticky notes of the same colour in the space below.)

Measure or Observe

**Step 2(b):** What could we change or vary about the object or event that may affect what we could measure or observe?

Brainstorm (Place sticky notes of a new colour in the space below.)

Variables

Level: 1

# Planning Our Experiment

## Step 3(a): What will we change?

ONE VARIABLE WE WILL CHANGE:

WE WILL MEASURE OR OBSERVE THIS RESULT:

### Changed Variable

(Place a sticky note from Step 2(b) here)



### Measure or Observe

(Place a sticky note from Step 2(a) here)

## Step 3(b): What will we not change?

VARIABLES WE WILL NOT CHANGE:

What conditions will be held constant so it is a fair test? Place remaining sticky notes from Step 2(b) here.

### Unchanged Variables

Level: 1

# Planning Our Experiment

**Step 4:** What is the question we want to explore?

If we change

Changed Variable

what will happen to

Measure or Observe

compared to our control?

**Step 5:** What is our prediction?

State how we will change the variable and predict the outcome.

We predict that...

We think this will happen because...

Level: 1